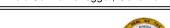
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-013039 Address: 333 Burma Road **Date Inspected:** 11-Apr-2010

City: Oakland, CA 94607

OSM Arrival Time: 700 **Project Name:** SAS Superstructure **OSM Departure Time:** 1900 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

Mr. Gong Liang Zhu/ Mr Zhao Chewshresent: **CWI Name:** Yes No

Inspected CWI report: Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No N/A

Delayed / Cancelled:

34-0006 **Bridge No: Component:** Tower

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance(QA) Inspector, Baskar Govindarajan, was present during the times noted above for observations relative to the work being performed.

Heavy Dock Jetty

1. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 205649 perform FCAW welding on, Internal, exterior bearing stiffener on West tower, Skin D and Weld joint identified as WSD1-SA294 F/G-70. ZPMC CWI Identified as Mr. Gong Linag Zhu. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2333-TC-P4-F.(Photo attached)

2. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040723 perform FCAW welding on, Shear plate to Base plate between South and West tower, and weld joint identified as WD1-A21A/B-53, 54. ZPMC CWI Identified as Mr. Zhao chen Sun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2332-TC-P5-F.

3. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040280 perform SMAW repair welding on, Shear plate support plate of North tower, BC corner and weld joint identified as NSD1-A112 A/H-1. ZPMC CWI Identified as Mr. Gong Liang Zhu. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-345-SMAW-3G (3F)-Repair.

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

4. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040675 perform SMAW surface repair welding on, West tower Skin C Bearing stiffener and weld joint identified as WSD1-SA 294 F/G-70. ZPMC CWI Identified as Mr. Gong Liang Zhu. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-345-SMAW-3G (3F)-Repair. (Photo attached)

5. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 203269 perform FCAW welding on, Internal, and exterior bearing stiffener on West tower, Skin E and Weld joint identified as WSD1-SA225 F/H-15. ZPMC CWI Identified as Mr. Zhao Chen Sun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2333-TC-P4-F.

6. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 049541 perform FCAW welding on, Internal, and exterior bearing stiffener on West tower, Skin C and Weld joint identified as WSD1-SA294 F/G-17. ZPMC CWI Identified as Mr. Zhao Chen Sun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2333-TC-P4-F.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.





Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Skyler Guest - 15000422360, who represents the Office of Structural Materials for your project.

Inspected By: Baskar, Govindarajan Quality Assurance Inspector

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Reviewed By: Clifford,William QA Reviewer